

2125880800

**DECLARATION FOR PATENT APPLICATION (JOINT OR SOLE)**  
**(Under 37 CFR § 1.63; with Power of Attorney)**  
**FROMMER LAWRENCE & HAUG LLP**

FLH File No. 450117-04802

As a below named inventor, I hereby declare that:  
 My residence, post office address and citizenship are as stated below next to my name,  
 I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first  
 and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is  
 sought on the invention ENTITLED:

**IMPROVEMENTS TO THE RESPONSE OF NEGATIVE-TYPE LIQUID CRYSTALS BY THE ADDITION OF DOPANTS**  
 the specification of which

X is attached hereto.

\_\_\_\_\_ was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_,  
 with amendment(s) through \_\_\_\_\_ (if applicable, give dates).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including  
 the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me  
 to be material to patentability as defined in Title 37, Code of Federal Regulations, Sec. 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s)  
 for patent or inventor's certificate listed below and have also identified below any foreign application for patent or  
 inventor's certificate having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>	[list additional applications on separate page]:	<u>Priority Claimed:</u>
<u>Number:</u> 02 023 817.6	<u>Country:</u> Europe	<u>Filed (Day/Month/Year):</u> 23 October 2002
		<u>Yes</u> <u>No</u> X

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed  
 below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United  
 States application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the  
 duty to disclose to the United States Patent and Trademark Office all information known to me to be material to  
 patentability as defined in Title 37, Code of Federal Regulations, Sec. 1.56, which became available between the filing  
 date of the prior application and the national or PCT international filing date of this application:

<u>Prior U.S. Application(s)</u>	[list additional applications on separate page]:
<u>Appln. Ser. Number:</u>	<u>Filed (Day/Month/Year):</u>
	<u>Status (patented, pending, abandoned):</u>

I hereby appoint WILLIAM S. FROMMER, Registration No. 25,506, and DENNIS M. SMID, Registration No. 34,930  
 or their duly appointed associate, my attorneys, with full power of substitution and revocation, to prosecute this  
 application, to make alterations and amendments therein, to file continuation and divisional applications thereof, to  
 receive the Patent, and to transact all business in the Patent and Trademark Office and in the Courts in connection  
 therewith, and specify that all communications about the application are to be directed to the following correspondence  
 address:

WILLIAM S. FROMMER, Esq.  
 c/o FROMMER LAWRENCE & HAUG LLP  
 745 Fifth Avenue  
 New York, New York 10151

Direct all telephone calls to:  
 (212) 588-0800  
 to the attention of:  
WILLIAM S. FROMMER

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on  
 information and belief are believed to be true; and further that these statements were made with the knowledge that  
 willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of  
 Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application  
 or any patent issued thereon.

INVENTOR(S):

Signature: \_\_\_\_\_

Full name of sole or first inventor: \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

P.O. Address: \_\_\_\_\_

Anthony ROBERTS  
 Stuttgart, Germany

U.K.  
 c/o Advanced Technology Center Stuttgart  
 SONY International (Europe) GmbH  
 Heinrich-Hertz-Strasse 1  
 D-70327 Stuttgart - GERMANY

Date: 6/10/03

Signature: \_\_\_\_\_

Full name of 2nd joint inventor (if any): \_\_\_\_\_

Residence: \_\_\_\_\_

Citizenship: \_\_\_\_\_

P.O. Address: \_\_\_\_\_

Akira MASUTANI  
 Kernen, Germany

Japan  
 c/o Advanced Technology Center Stuttgart  
 SONY International (Europe) GmbH  
 Heinrich-Hertz-Strasse 1  
 D-70327 Stuttgart - GERMANY

Date: 13/10/03

Post Office Address(es) of inventor(s):

[If all inventors have the same post office address]

[Similarly list additional inventors on separate page]

Note: A post office address must be provided for each inventor.

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FLH File No. 450117-04802

## ADDITIONAL INVENTORS

Signature: *Akio Yasuda*  
Full name of 3rd joint inventor (if any):  
Residence:  
Citizenship:  
P.O. Address:

Akio YASUDA  
Stuttgart, Germany  
Japan  
c/o Advanced Technology Center Stuttgart  
SONY International (Europe) GmbH  
Heinrich-Hertz-Strasse 1  
D-70327 Stuttgart - GERMANY

Date:

02.10.03

Signature: *Bettina Schüller*  
Full name of 4th joint inventor (if any):  
Residence:  
Citizenship:  
P.O. Address:

Bettina SCHÜLLER  
Stuttgart, Germany  
Germany  
c/o Advanced Technology Center Stuttgart  
SONY International (Europe) GmbH  
Heinrich-Hertz-Strasse 1  
D-70327 Stuttgart - GERMANY

Date:

02.10.03

Signature: \_\_\_\_\_  
Full name of 5th joint inventor (if any):  
Residence:  
Citizenship:  
P.O. Address:

Shunichi HASHIMOTO  
Kanagawa, Japan  
Japan  
c/o SONY Corporation  
6-7-35 Kitashinagawa  
Shinagawa-ku  
Tokyo 11-0001 - JAPAN

Date: \_\_\_\_\_

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\_\_\_\_\_ was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_,

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Prior Foreign Application(s) (list additional applications on separate page): Priority Claimed:

<u>Number:</u>	<u>Country:</u>	<u>Filed (Day/Month/Year):</u>	<u>Yes</u>	<u>No</u>
02 023 817.6	Europe	23 October 2002	X	

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Sec. 1.56, which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. Application(s) (list additional applications on separate page):

Appln. Ser. Number: \_\_\_\_\_ Filed (Day/Month/Year): \_\_\_\_\_ Status (patented, pending, abandoned): \_\_\_\_\_

I hereby appoint WILLIAM S. FROMMER, Registration No. 25,506, and DENNIS M. SMID, Registration No. 34,930 or their duly appointed associate, my attorneys, with full power of substitution and revocation, to prosecute this application, to make alterations and amendments therein, to file continuation and divisional applications thereof, to receive the Patent, and to transact all business in the Patent and Trademark Office and in the Courts in connection therewith, and specify that all communications about the application are to be directed to the following correspondence address:

WILLIAM S. FROMMER, Esq.  
 c/o FROMMER LAWRENCE & HAUG LLP  
 745 Fifth Avenue  
 New York, New York 10151

Direct all telephone calls to:  
 (212) 588-0800  
 to the attention of:  
WILLIAM S. FROMMER

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**INVENTOR(S):**

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Full name of sole or first inventor: \_\_\_\_\_

Anthony ROBERTS

Residence: \_\_\_\_\_

Stuttgart, Germany

Citizenship: \_\_\_\_\_

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P.O. Address: \_\_\_\_\_

c/o Advanced Technology Center Stuttgart  
 SONY International (Europe) GmbH  
 Heinrich-Hertz-Strasse 1  
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Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Full name of 2nd joint inventor (if any): \_\_\_\_\_

Akira MASUTANI

Residence: \_\_\_\_\_

Kernen, Germany

Citizenship: \_\_\_\_\_

Japan

P.O. Address: \_\_\_\_\_

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 SONY International (Europe) GmbH  
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 D-70327 Stuttgart - GERMANY

Post Office Address(es) of inventor(s):

[if all inventors have the same post office address]

[Similarly list additional inventors on separate pages]

Note: A post office address must be provided for each inventor.

## ADDITIONAL INVENTORS

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Full name of 3rd joint inventor (if any): Akio YASUDA  
Residence: Stuttgart, Germany  
Citizenship: Japan  
P.O. Address: c/o Advanced Technology Center Stuttgart  
SONY International (Europe) GmbH  
Heinrich-Hertz-Strasse 1  
D-70327 Stuttgart - GERMANY

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Full name of 4th joint inventor (if any): Bettina SCHÜLLER  
Residence: Stuttgart, Germany  
Citizenship: Germany  
P.O. Address: c/o Advanced Technology Center Stuttgart  
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Signature: Shunichi Hashimoto Date: Oct. 17, 2003  
Full name of 5th joint inventor (if any): Shunichi HASHIMOTO  
Residence: Kanagawa, Japan  
Citizenship: Japan  
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6-7-35 Kitashinagawa  
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